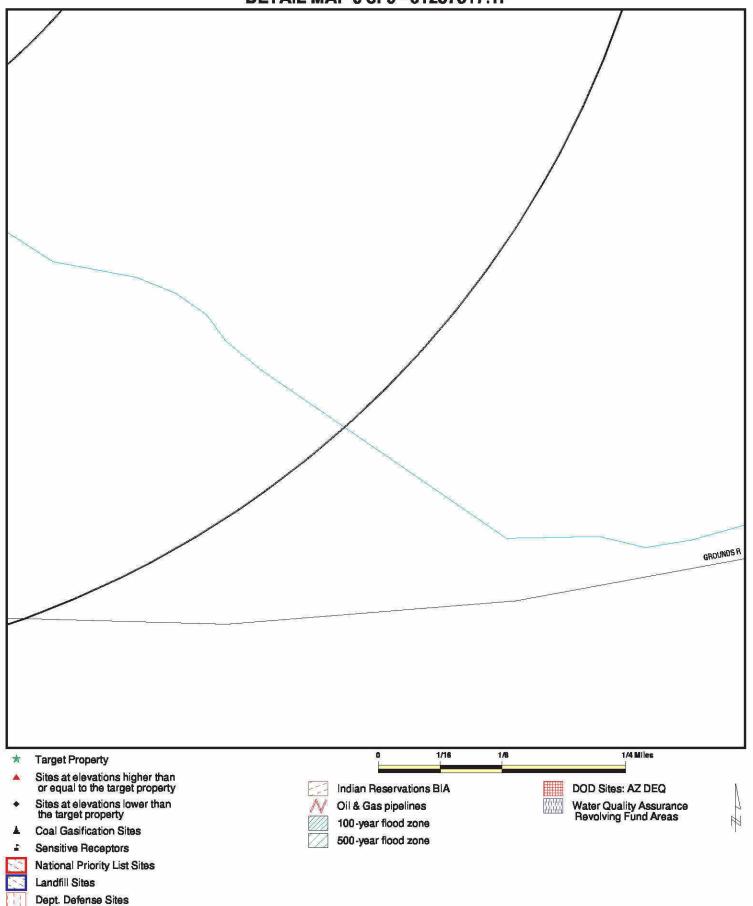


TARGET PROPERTY: ADDRESS: CITY/STATE/ZIP: LAT/LONG: Kingman 7600 Site 5 Miles E of Kingman Airport KINGMAN AZ 86401 35.2680 / 113.8500 CUSTOMER: Stanley Consultants
CONTACT: Scott Byram
INQUIRY #: 01237517.1r
DATE: July 27, 2004 9:55 a

DATE: July 27, 2004 9:55 am

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TARGET PROPERTY: ADDRESS: CITY/STATE/ZIP: LAT/LONG: Kingman 7600 Site 5 Miles E of Kingman Airport KINGMAN AZ 86401 35.2680 / 113.8500 CUSTOMER: CONTACT: INQUIRY#: Stanley Consultants Scott Byram 01237517.1r

DATE: July 27, 2004 9:56 am

# MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDAR	<u>D</u>							
NPL Proposed NPL CERCLIS CERC-NFRAP CORRACTS RCRIS-TSD RCRIS Lg. Quan. Gen. RCRIS Sm. Quan. Gen. ERNS		5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0
STATE ASTM STANDARD								
SPL State Haz. Waste State Landfill LUST UST AZ WQARF INDIAN UST INDIAN LUST VCP		5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
FEDERAL ASTM SUPPLEM	<u>ENTAL</u>							
CONSENT ROD Delisted NPL FINDS HMIRS MLTS MINES NPL Liens PADS US BROWNFIELDS FUDS UMTRA INDIAN RESERV DOD RAATS TRIS TSCA SSTS FTTS		5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
STATE OR LOCAL ASTM SI	UPPLEMENTAL	-	-	-	-	2	•	
AST		5.000	0	0	0	0	0	0

# MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AZ Spills		5.000	0	0	0	0	0	0
AZ DOD		5.000	0	0	0	0	0	0
WWFAC		5.000	0	0	0	0	0	0
Aquifer		5.000	0	0	0	0	0	0
Dry Wells		5.000	0	0	0	0	0	0
AZ AIRS		5.000	0	0	0	0	0	0
EDR PROPRIETARY HISTOR	IICAL DATABA	<b>ASES</b> 5.000	0	0	0	0	0	0
		5.555	_	-	-	-	_	_
BROWNFIELDS DATABASES	<u>s</u>							
US BROWNFIELDS AUL VCP		5.000 5.000 5.000	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0

# NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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Map ID		MAP FINDINGS		
Direction				
Distance				
Distance (ft.)				EDR ID Number
Elevation	Site		Database(s)	EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

NO SITES FOUND

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# ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
KINGMAN	1004438034	BLUE BEACON OF KINGMAN	I-40 & BLAKE RANCH RD	86401	FINDS, WWFAC
KINGMAN	S104564763	ULTRAMAR	I-40 / BLAKE RANCH RD	86401	HAZNET
KINGMAN	1007089550	PRAXAIR, INC KINGMAN PLANT	INTERSTATE 40 & GRIFFITH RD.	86401	TSCA
KINGMAN	S106134272	NUCOR STEEL KINGMAN	3000 HIGHWAY 66 S	86401	AZ AIRS
KINGMAN	S105954197	NORTH STAR STEEL - METAL SHREDDER RESIDU	3000 HIGHWAY 66 S	86401	AUL
KINGMAN	1003878129	GOLDEN VALLEY SAN LDFL	HWY 68 1 MI W OF HWY 93 JCT	86401	CERC-NFRAP
KINGMAN	8860605	HWY 93 10 MILES OF KINGMAN	HWY 93 10 MILES OF KINGMAN		ERNS
KINGMAN	1000817752	EQUATORIAL MINERAL PARK INCORPORATED	HWY 93 AND MINERAL PARK ROAD	86401	FINDS, CERC-NFRAP
KINGMAN	S106405215	CERBAT MILL	HWY 93 MILE POST 62(NORTH)		WWFAC
KINGMAN	92288650	US 93, N OF KINGMAN 1200 FT W OF HWY MP 60.5	US 93, N OF KINGMAN 1200 FT W OF HWY MP 60.5		ERNS
KINGMAN	U003049376	MOHAVE CONCRETE & MATERIALS	4502 HWY 95 N	86401	LUST, UST
KINGMAN	S103214933	ADOT KINGMAN MAINTENANCE	3660 E ANDY DEVINE	86401	LUST
KINGMAN	S106405554	PETRO STOPPING CENTER #15	BLAKE RANCH RD / 140	86401	WWFAC
KINGMAN	S103278346	SNOBIRD TRUCK STOP	9305 BLAKE RANCH RD	86401	LUST
KINGMAN	S102257629	ATLAS BULK CARRIERS	BLAKE RANCH RD / I-40		AZ Spills, WWFAC
KINGMAN	92467906	C.O.D. MINE, 10 MILES IN THE NORTH FROM KINGMAN/ S33 R17W T2	C.O.D. MINE, 10 MILES IN THE NORTH FROM KINGMAN/ S33 R17W T2		ERNS
KINGMAN	1000235915	KINGMAN AVIATION	4705-A CONCOURSE ARPT TERM	86401	RCRIS-SQG, FINDS
KINGMAN	S100002666	KINGMAN LANDFILL	1 MI E OF US 66 ON AIRPORT RD	86401	SHWS
KINGMAN	1000321176	COMPRESSOR STA 1 KINGMAN	32 MI E OF KINGMAN OFF I 40	86401	RCRIS-SQG, FINDS
KINGMAN	96497654	FLYING J TRUCK STOP, I-40 IN KINGMAN	FLYING J TRUCK STOP, I-40 IN KINGMAN		ERNS
KINGMAN	S106152604	MINERAL PARK MINE	HC37-BOX 500	86401	Aquifer
KINGMAN	S102790448	TRUCK TUB, INC.	2662 S. HIGHWAY 66		WWFAC
KINGMAN	A100156269	KINGMAN-HOOVER DAM HWY (US 93)	US HIGHWAY 93		AST
KINGMAN	S102791119	#1 OLD KINGMAN	3755 HUALAPAI M	86401	HAZNET
KINGMAN	U003886011	GAS-N-GRUB II	2201 HUALAPAI MOUNTAIN RD	86401	UST
KINGMAN	A100136638	AT&T KINGMAN	AZ HWY 68 12 MILES WEST OF US 93		AST
KINGMAN	1004673522	ADOT EQUIPMENT SVCS	3540 E HWY 66 ADOT	86401	RCRIS-SQG, FINDS
KINGMAN	S102519420	DUVAL CORP MINERAL PARK PROP	ON HWY 93 14 MI W OF KINGMAN	86401	SHWS
KINGMAN	U000737562	DALE MALQUIST-CASTLE ROCK BAR	3743 N HWY 93	86401	UST
KINGMAN	1007121682	MUSKET - KINGMAN TERMINAL	4500 INDUSTRIAL BLVD	86401	FINDS
KINGMAN	96503155	16N OF KINGMAN ON HWY 93/5MI EAST ON	16N OF KINGMAN ON HWY 93/5MI EAST ON		ERNS
		MINERAL PARK ROAD	MINERAL PARK ROAD		
KINGMAN	91242132	KINGMAN MINI-STORAGE	KINGMAN MINI-STORAGE		ERNS
KINGMAN	S106152734	NORTH STAR STEEL	MCCONNICO EXIT I-40		Aquifer, WWFAC
KINGMAN	877244	1 MILE WEST OF KINGMAN MAIN LINE	1 MILE WEST OF KINGMAN MAIN LINE		ERNS
KINGMAN	S102686284	YUCCA AIR TO AIR GUNNERY RANGE	1 MILE SOUTH OF YUCCA	86401	SHWS, SWF/LF
KINGMAN	1007198503	HACKBERRY COMPRESSOR STATION	18 MILES E OF KINGMAN	86401	RCRIS-SQG
KINGMAN	S106405390	GRIFFITH ENERGY PROJECT	9 MILES SOUTH OF KINGMAN ON I-40	86401	WWFAC
KINGMAN	S106405391	GRIFFITH ENERGY PROJECT	9 MILES SOUTH OF KINGMAN ON I-40	86401	WWFAC
KINGMAN	S106405392	GRIFFITH ENERGY PROJECT	9 MILES SOUTH OF KINGMAN ON 1-40	86401	WWFAC
KINGMAN	1000893581	DE LA FONTAINE MINE	8 MI. N. ON STOCKTON RD. 3 MI. W.	86401	SHWS

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# ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
KINGMAN	S106152609	KINGMAN, CITY OF-HILLTOP WWTP	NEAR KINGMAN		Aquifer, WWFAC
KINGMAN	S106405518	NUCOR STEEL KINGMAN, LLC	P O BOX 3249		WWFAC
KINGMAN	U003050760	AT&T KINGMAN L-3 AZ2770	OFF HWY 68 15 M W OF KINGMAN	86401	LUST, UST
KINGMAN	1005430910	HONEYWELL	4790 OLYMPIC DR	86401	SSTS
KINGMAN	S106424270	HONEYWELL - INTERNATIONAL MEDICAL PRODUC	4790 OLYMPIC DR	86401	AZ AIRS
KINGMAN	1000893571	AMERICAN LEGION MINE	8M NORTH ON STOCKTON RD.	86401	CERCLIS, SHWS, FINDS
KINGMAN	U001156955	COURTHOUSE SITE	PINE ST 4TH & MAPLE	86401	LUST, UST
KINGMAN	92298735	PORTLAND MINE SITE, 28 MI NW OF KINGMAN	PORTLAND MINE SITE, 28 MI NW OF KINGMAN		ERNS
KINGMAN	1003878104	KINGMAN AIRPORT INDUSTRIAL AREA	T22N R16W	86401	CERC-NFRAP
KINGMAN	1000235919	KINGMAN AIRPORT INDUSTRIAL AREA	T22N R16W	86401	SHWS
KINGMAN	1004673643	KINGMAN PUMP STATION	5 MI S OF KINGMAN 20 N R	86401	RCRIS-SQG, FINDS
KINGMAN	U001624989	KINGMAN RADIO	15 MI SE OF KINGMAN HUALAPAI	86401	UST
KINGMAN	99618448	TEMPLE BAR MARINA / THE LOCATION IS ABOUT	TEMPLE BAR MARINA / THE LOCATION IS		ERNS
		30 MI FM KINGMAN	ABOUT 30 MI FM KINGMAN		
KINGMAN	1001201390	GRANITE CONSTRUCTION CO	2 MI W OF 93 ON RT 6	86401	RCRIS-SQG, FINDS
KINGMAN	1004438940	KINGMAN SDA SCHOOL	3180 WHITE CLIFFS RD	86401	FINDS
MOHAVE COUNTY	S106205213	LAKE HAVASU CITY	3251 E. CHENOWITH DR., OUTSIDE OF LAKE HAVASU CITY		SWF/LF
MOHAVE COUNTY	S106205295	MOHAVE COUNTY - LITTLEFIELD TRANSFER STA	ENTRANCE GATE TO LITTLEFIELD TRANSFER STATION HIGH		SWF/LF
MOHAVE COUNTY	1000235918	KINGMAN	1 MILE EAST OF US 66 ON AIRPORT RD.		SWF/LF
MOHAVE COUNTY	S103278052	OATMAN	1 MILE SOUTH OF OATMAN		SWF/LF
MOHAVE COUNTY	S103895132	CHLORIDE	1 MILE SOUTH OF CHLORIDE ON 2ND ST.		SWF/LF
MOHAVE COUNTY	S103895131	ANTERES	.8 MILES NORTH OF US 66 ON ROAD TO PEARCE FERRY		SWF/LF
MOHAVE COUNTY	S103895136	HUALAPI MOUNTAIN PARK	12 MILES SOUTH OF US 66 ON PARK RD. 8 MILES		SWF/LF
MOHAVE COUNTY	S103895137	LITTLEFIELD	2 MILES NORTHEAST OF LITTLEFIELD		SWF/LF
MOHAVE COUNTY	S103895144	TOPCOCK	2 MILES NORTH OF TOPCOCK ON AZ 95		SWF/LF
MOHAVE COUNTY	S100293362	CERBAT	2.5 MILES NORTHEAST OF AZ. 93 ON MI		SWF/LF
MOHAVE COUNTY	S100293363	COLORADO CITY	.5 MILES E OF CENTRAL AVE ON MOJAVE		SWF/LF
MOHAVE COUNTY	S100293364	LAKE HAVASU CITY	3 MILES E OF AZ. 95, 1.5 MILES N OF		SWF/LF
MOHAVE COUNTY	S100293365	LITTLEFIELD	1.5 MILES N OF I-15 ON U.S. 91, THE		SWF/LF
MOHAVE COUNTY	S100293366	MOHAVE VALLEY	4.5 MILES EAST OF AZ. 95 ON EL RODE		SWF/LF
MOHAVE COUNTY	S103895145	TRUXTON	1.5 MILES SOUTHEAST OF TRUXTON		SWF/LF
MOHAVE COUNTY	S103895146	WIKIEUP	.5 MILES NORTH OF AIRPORT ON CHICKEN SPRINGS RD.		SWF/LF
MOHAVE COUNTY	S106205164	WILLOW VALLEY	18 MILES NORTH OF TOPCOCK ON AZ 95, 4 MILES ON WIL		SWF/LF
MOHAVE COUNTY	S103895133	COLORADO CITY	.5 MILES EAST OF CENTRAL AVE. ON MOHAVE AVE.		SWF/LF
MOHAVE COUNTY	S103895134	DOLAN SPRINGS	5 MILES EAST OF US 93 1 MILE NORTH		SWF/LF
MOHAVE COUNTY		HACKBERRY	.25 MILES SOUTH OF US 66 ON ROAD TO WICKIUP		SWF/LF
MOHAVE COUNTY	S103895138	MEADVIEW	7 MILES SOUTH OF MEADVIEW ON PIERCE FERRY		SWF/LF
MOHAVE COUNTY	S103895139	PEACH SPRINGS	2 MILES SOUTH OF PEACH SPRINGS ON RESERVATION		SWF/LF

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# ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	
MOHAVE COUNTY	S103895141	SACREMENTO #2	1.3 MILES WEST OF US 93 ON AZ 68 ON TOOMAN RD.		SWF/LF	
MOHAVE COUNTY	S103895143	TEMPLE BAR	.7 MILES SOUTH OF RANGER STATION		SWF/LF	
MOHAVE COUNTY	S106130928	SACREMENTO #1	8.4 MILES WEST OF US 93 ON AZ 68 .5 MILES NORTHWES		SWF/LF	
MOHAVE COUNTY	S106205211	ARIZONA STRIP	OUTSIDE OF COLORADO CITY		SWF/LF	
MOHAVE COUNTY	S106205163	SILVER CREEK	SILVER CREEK RD. APPROX. 2 MILES WEST O BULLHEAD		SWF/LF	
MOHAVE COUNTY	S103895147	WILLOW BEACH	AT WILLOW BEACH IN LAKE MEAD NATIONAL PARK		SWF/LF	

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# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement

of the ASTM standard.

#### FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List Source: EPA Telephone: N/A

> National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/04 Date Made Active at EDR: 05/21/04

Elapsed ASTM days: 17 Date of Last EDR Contact: 05/04/04 Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/04/04

Date of Data Arrival at EDR: 03/22/04

#### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 8

Telephone 215-814-5418 Telephone: 303-312-6774

EPA Region 4

Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA Telephone: N/A

> Date of Government Version: 04/27/04 Date of Data Arrival at EDR: 05/04/04

Date Made Active at EDR: 05/21/04 Elapsed ASTM days: 17

Database Release Frequency: Semi-Annually Date of Last EDR Contact: 05/04/04

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/26/04 Date Made Active at EDR: 04/02/04

Elapsed ASTM days: 11 Database Release Frequency: Quarterly Date of Last EDR Contact: 06/23/04

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

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# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/26/04 Date Made Active at EDR: 04/02/04

Elapsed ASTM days: 11 Database Release Frequency: Quarterly Date of Last EDR Contact: 06/23/04

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/04 Date of Data Arrival at EDR: 03/25/04

Date Made Active at EDR: 04/15/04 Elapsed ASTM days: 21

Database Release Frequency: Semi-Annually Date of Last EDR Contact: 06/07/04

RCRIS: Resource Conservation and Recovery Information System

Source: EPA

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/04 Date Made Active at EDR: 07/20/04

Database Release Frequency: Varies

Date of Data Arrival at EDR: 06/23/04

Date of Data Arrival at EDR: 03/22/04

Elapsed ASTM days: 27

Date of Last EDR Contact: 06/23/04

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous

substances.

Date of Government Version: 12/31/03 Date Made Active at EDR: 03/12/04

Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/26/04

Elapsed ASTM days: 46

Date of Last EDR Contact: 04/26/04

#### FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/01 Database Release Frequency: Biennially

Date of Last EDR Contact: 06/22/04 Date of Next Scheduled EDR Contact: 09/13/04

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A

Database Release Frequency: Varies

Date of Last EDR Contact: N/A

Date of Next Scheduled EDR Contact: N/A

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# **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical

and health information to aid in the cleanup.

Date of Government Version: 04/08/04 Date of Last EDR Contact: 04/05/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 07/05/04

**DELISTED NPL:** National Priority List Deletions

Source: EPA Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the

NPL where no further response is appropriate.

Date of Government Version: 04/27/04 Date of Last EDR Contact: 05/04/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 08/02/04

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/08/04 Date of Last EDR Contact: 07/06/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/04/04

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 02/17/04 Date of Last EDR Contact: 04/20/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 07/19/04

MLTS: Material Licensing Tracking System Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency,

EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/19/04 Date of Last EDR Contact: 07/06/04

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/04/04

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 03/05/04 Date of Last EDR Contact: 06/30/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 09/27/04

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

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# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/24/04

Date of Next Scheduled EDR Contact: 08/23/04

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers

of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/30/04 Date of Last EDR Contact: 05/12/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 08/09/04

DOD: Department of Defense Sites

Source: USGS

Telephone: 703-692-8801

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03 Date of Last EDR Contact: 05/14/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 08/09/04

**STORMWATER:** Storm Water General Permits Source: Environmental Protection Agency

Telephone: 202 564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: N/A Date of Last EDR Contact: N/A

Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: N/A

INDIAN RESERV: Indian Reservations

Source: USGS

Telephone: 202-208-3710

This map layer portrays Indian administered lands of the United States that have any area equal to or greater

than 640 acres.

Date of Government Version: 10/01/03 Date of Last EDR Contact: 05/14/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 08/09/04

US BROWNFIELDS: A Listing of Brownfields Sites Source: Environmental Protection Agency

Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/14/04 Date of Last EDR Contact: 06/14/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 09/13/04

RMP: Risk Management Plans

Source: Environmental Protection Agency

Telephone: 202-564-8600

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

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# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A Database Release Frequency: N/A Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

**FUDS:** Formerly Used Defense Sites Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers

is actively working or will take necessary cleanup actions.

Date of Government Version: 10/01/03 Date of Last EDR Contact: 07/06/04

Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 10/04/04

UMTRA: Uranium Mill Tailings Sites Source: Department of Energy Telephone: 505-845-0011

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of

Energy.

Date of Government Version: 04/22/04 Database Release Frequency: Varies Date of Last EDR Contact: 06/21/04
Date of Next Scheduled EDR Contact: 09/20/04

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95 Database Release Frequency: No Update Planned Date of Last EDR Contact: 06/07/04

Date of Next Scheduled EDR Contact: 09/06/04

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-566-0250

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/01 Database Release Frequency: Annually Date of Last EDR Contact: 06/22/04

Date of Next Scheduled EDR Contact: 09/20/04

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant

site.

Date of Government Version: 12/31/02 Date of Last EDR Contact: 06/07/04

Database Release Frequency: Every 4 Years Date of Next Scheduled EDR Contact: 09/06/04

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

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# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/13/04 Database Release Frequency: Quarterly Date of Last EDR Contact: 06/21/04 Date of Next Scheduled EDR Contact: 09/20/04

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/04
Date of Next Scheduled EDR Contact: 07/19/04

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/13/04 Database Release Frequency: Quarterly Date of Last EDR Contact: 06/21/04
Date of Next Scheduled EDR Contact: 09/20/04

#### STATE OF ARIZONA ASTM STANDARD RECORDS

SPL: Superfund Program List

Source: Department of Environmental Quality

Telephone: 602-771-4360

The list is representative of the sites and potential sites within the jurisdiction of the Superfund Program Section. It is comprised of the following elements: 1) Water Quality Assurance Revolving Fund Registry Sites; 2) Potential WQARF Registry sites; 3) NPL sites; and 4) Department of Defense sites requiring SPS oversight.

Date of Government Version: 05/23/03 Date Made Active at EDR: 06/26/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/02/03

Elapsed ASTM days: 24

Date of Last EDR Contact: 06/01/04

SHWS: ZipAcids List

Source: Department of Environmental Quality

Telephone: 602-771-4360

The ACIDS list consists of more than 750 locations subject to investigation under the State Water Quality Assurance Revolving Fund (WQARF) and Federal CERCLA programs. The list is no longer updated by the state.

Date of Government Version: 01/03/00 Date Made Active at EDR: 05/16/00

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 04/11/00

Elapsed ASTM days: 35

Date of Last EDR Contact: 04/19/04

**SWF/LF:** Directory of Solid Waste Facilities Source: Department of Environmental Quality

Telephone: 602-771-4132

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/01/04 Date Made Active at EDR: 04/23/04 Database Release Frequency: Annually Date of Data Arrival at EDR: 03/29/04

Elapsed ASTM days: 25

Date of Last EDR Contact: 06/29/04

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**LUST:** Leaking Underground Storage Tank Listing Source: Department of Environmental Quality

Telephone: 602-771-4345

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 02/01/04 Date Made Active at EDR: 03/18/04

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/25/04

Elapsed ASTM days: 22

Date of Last EDR Contact: 05/11/04

**UST:** Underground Storage Tank Listing Source: Department of Environmental Quality

Telephone: 602-771-4345

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/01/04 Date Made Active at EDR: 03/15/04

Database Release Frequency: Annually

Date of Data Arrival at EDR: 02/09/04

Elapsed ASTM days: 35

Date of Last EDR Contact: 05/11/04

WQARF: Water Quality Assurance Revolving Fund Sites

Source: Department of Environmental Quality

Telephone: 602-771-4360

Sites which may have an actual or potential impact upon the waters of the state, cause by hazardous substances.

The WQARF program provides matching funds to political subdivisions and other state agencies for clean-up activities.

Date of Government Version: 07/01/03 Date Made Active at EDR: 09/29/03

Database Release Frequency: Annually

Date of Data Arrival at EDR: 08/11/03

Elapsed ASTM days: 49

Date of Last EDR Contact: 06/01/04

INDIAN UST: Underground Storage Tanks on Indian Land

Source: EPA Region 9 Telephone: 415-972-3368

Date of Government Version: 06/18/04 Date Made Active at EDR: 07/21/04

Database Release Frequency: Varies

Date of Data Arrival at EDR: 06/21/04

Elapsed ASTM days: 30

Date of Last EDR Contact: 06/07/04

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

Source: Environmental Protection Agency

Telephone: 415-972-3372

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: N/A Date Made Active at EDR: N/A Database Release Frequency: Varies Date of Data Arrival at EDR: N/A Elapsed ASTM days: 0

Date of Last EDR Contact: N/A

VCP: Voluntary Remediation Program Sites
Source: Department of Environmental Quality

Telephone: 602-771-4411

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 02/29/04 Date Made Active at EDR: 04/29/04 Database Release Frequency: Varies Date of Data Arrival at EDR: 04/16/04

Elapsed ASTM days: 13

Date of Last EDR Contact: 03/10/04

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# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

#### STATE OF ARIZONA ASTM SUPPLEMENTAL RECORDS

AST: List of Aboveground Storage Tanks Source: Department of Building & Fire Safety

Telephone: 602-364-1003

Aboveground storage tanks that the Dept. of Building & Fire Safety have permitted.

Date of Government Version: 12/31/00 Date of Last EDR Contact: 04/12/04

Database Release Frequency: No Update Planned Date of Next Scheduled EDR Contact: 07/20/04

SPILLS: Hazardous Material Logbook

Source: Department of Environmental Quality

Telephone: 602-771-4153

Chemical spills and incidents referred to the Emergency Response Unit.

Date of Government Version: 06/30/01 Date of Last EDR Contact: 06/28/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 09/27/04

**DOD:** Department of Defense Sites

Source: Department of Environmental Quality

Telephone: 602-771-4360

These sites are federal facilities that are either being assessed for potential contamination, or have active

remediation taking place on them.

Date of Government Version: 07/01/03 Date of Last EDR Contact: 06/01/04

Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 09/20/04

WWFAC: Waste Water Treatment Facilities Source: Department of Environmental Quality

Telephone: 602-771-4623

Statewide list of waste water treatment facilities.

Date of Government Version: 05/25/04 Date of Last EDR Contact: 05/24/04

Database Release Frequency: Varies Date of Next Scheduled EDR Contact: 08/23/04

AQUIFER: Waste Water Treatment Facilities
Source: Department of Environmental Quality

Telephone: 602-771-4623

Waste Water Treatment Facilities with APP (Aquifer Protection Permits.)

Date of Government Version: 02/25/04 Date of Last EDR Contact: 04/26/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 07/26/04

**DRY WELLS:** Drywell Registration

Source: Department of Environmental Quality

Telephone: 602-771-4686

A drywell is a bored, drilled, or driven shaft or hole whose depth is greater than its width and is designed and

constructed specifically for the disposal of storm water.

Date of Government Version: 03/01/04 Date of Last EDR Contact: 07/06/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 09/20/04

AZ AIRS: Arizona Airs Database

Source: Department of Environmental Quality

Telephone: 602-771-2344

Arizona major (has the potential to emit over 100 tons of criteria pollutant) and minor (below 100 tons) sources.

Date of Government Version: 06/03/04 Date of Last EDR Contact: 05/03/04

Database Release Frequency: Semi-Annually Date of Next Scheduled EDR Contact: 08/02/04

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# **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

#### **EDR PROPRIETARY HISTORICAL DATABASES**

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

#### Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

#### **BROWNFIELDS DATABASES**

AUL: DEUR Database

Source: Department of Environmental Quality

Telephone: 602-771-4398

Activity and use limitations include both engineering controls and institutional controls. DEUR and VEMUR sites. DEUR: Declaration of Environmental Use Restriction. A restrictive land use covenant that is required when a property owner elects to use an institutional (i.e., administrative) control or engineering (i.e., physical) control as a means to meet remediation goals. The DEUR runs with and burdens the land, and requires maintenance of any institutional or engineering controls. VEMUR: Voluntary Environmental Mitigation Use Restriction. A restrictive land use covenant that, prior to July 18, 2000, was required when a property owner elected to remediate the property to non-residential uses. Effective July 18, 2000, the DEUR replaced the VEMUR as a restrictive use covenant.

Date of Government Version: 04/19/04 Database Release Frequency: Varies Date of Last EDR Contact: 04/20/04

Date of Next Scheduled EDR Contact: 07/19/04

**US BROWNFIELDS:** A Listing of Brownfields Sites Source: Environmental Protection Agency

Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: N/A
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

VCP: Voluntary Remediation Program Sites
Source: Department of Environmental Quality

Telephone: 602-771-4411

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 02/29/04 Database Release Frequency: Varies Date of Last EDR Contact: 03/10/04 Date of Next Scheduled EDR Contact: 07/19/04

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

#### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

#### **Electric Power Transmission Line Data**

Source: PennWell Corporation Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

#### **AHA Hospitals:**

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

#### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

#### **Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

# Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

#### **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

#### Daycare Centers: Child Care Facilities & Group Homes

Source: Department of Health Services

Telephone: 602-674-4220

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

# **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

# STREET AND ADDRESS INFORMATION

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# GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

#### TARGET PROPERTY ADDRESS

KINGMAN 7600 SITE 5 MILES E OF KINGMAN AIRPORT KINGMAN, AZ 86401

#### TARGET PROPERTY COORDINATES

Latitude (North): 35.268002 - 35° 16' 4.8" Longitude (West): 113.849998 - 113° 50' 60.0"

Universal Tranverse Mercator: Zone 12 UTM X (Meters): 240741.6 UTM Y (Meters): 3906290.5

Elevation: 3727 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

#### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

#### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

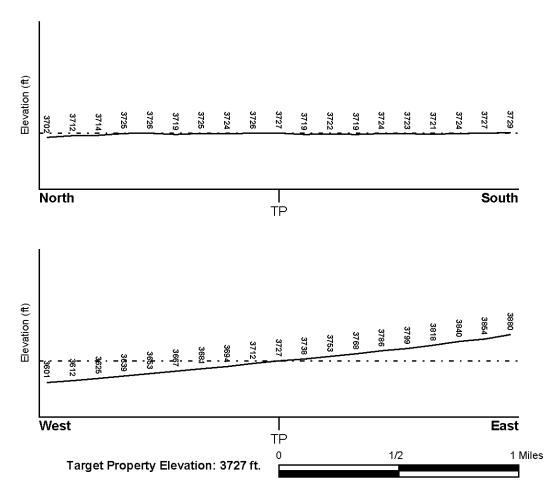
#### TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 35113-C7 PEACOCK PEAK, AZ

General Topographic Gradient: General West

Source: USGS 7.5 min quad index

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### **HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE** 

FEMA Flood

Target Property County MOHAVE, AZ Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

0400582200B

Additional Panels in search area:

0400582170B

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property NOT AVAILABLE Data Coverage Not Available

#### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### Site-Specific Hydrogeological Data\*:

Search Radius: 1.25 miles Status: Not found

# **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 ROUNDWATER FLOW

#### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

#### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

#### **GEOLOGIC AGE IDENTIFICATION**

Era: Precambrian Category: Metamorphic Rocks

System: Precambrian

Series: Orthogneiss and paragneiss

Code: Xm (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

#### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: BUCKLEBAR

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to

water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
	Bou	ındary		Classit	fication		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	AASHTO Group Unified Soil		Soil Reaction (pH)
1	0 inches	9 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.80 Min: 7.40
2	9 inches	22 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 8.40 Min: 7.40
3	22 inches	60 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 8.40 Min: 7.40

#### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sandy loam

Surficial Soil Types: fine sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: loamy sand

# ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

LOCATION

# WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	SEARCH DISTANCE (miles		
Federal USGS	1.000		

Federal FRDS PWS Nearest PWS within 1 mile 1 000

State Database

# FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

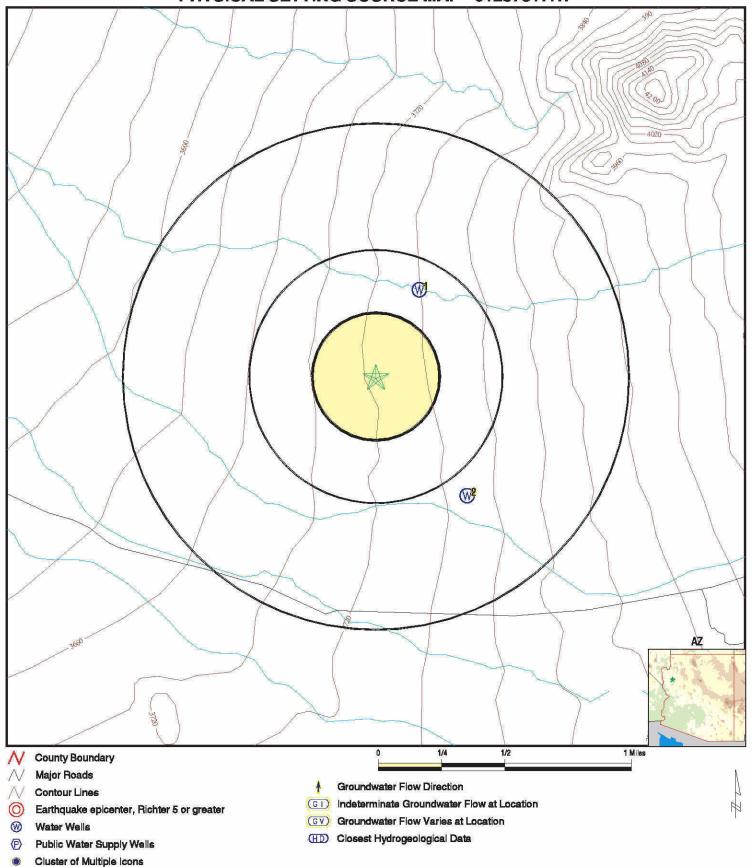
MAP ID	WELL ID	FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

#### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	FROM TP
1	AZWR502288	1/4 - 1/2 Mile NNE
2	AZWR806241	1/2 - 1 Mile SE

# Case 09-14814-512 SETTING SOURCE MAP 01237517.1 Page 26 of 33



TARGET PROPERTY: ADDRESS: CITY/STATE/ZIP: LAT/LONG: Kingman 7600 Site 5 Miles E of Kingman Airport KINGMAN AZ 86401 35.2680 / 113.8500 CUSTOMER: Stanley Consultants
CONTACT: Scott Byram
01237517.1r

INQUIRY #: 0123/517.1r DATE: July 27, 2004 9:56 am

# GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation Database EDR ID Number

NNE 1/4 - 1/2 Mile **AZ WELLS** AZWR502288

Higher

Registryid: 502288 Program: 55

COLORADO RIVER County: MOHAVE Watershed: **HUALAPAI VALLEY** Not Reported Basin: Subbasin:

Township: Northsouth: Ν 22 W Range: 15 Eastwest: Section: 23 Acre160: SW ΝE SW Acre40: Acre10: Utmy: Utmx: 241104.2 3906832.5

Welltype: **EXEMPT** Welluse1: WATER PRODUCTION Welluse2: Not Reported Wateruse1: DOMESTIC Wateruse2: Not Reported Wateruse3: Not Reported Approved: Not Reported Installed: 03/27/1982 00:00:00

Driller: Welldepth: 480 111

400 Waterlevel: Casingtype: PLASTIC OR PVC

Casingdeep: 480 Casingwide: Pumptype: OTHER Pumppower: GASOLINE ENGINE 1 - 5 HP

Pumprate: Testrate: 5 5

40 Х Drawdown: Drilllog: Lastname: PIHS,S Firstname: Not Reported

Company: Not Reported PO BOX 6174 Address:

KINGMAN State: ΑZ City:

86401 Cancelled: Not Reported Zipcode:

Driller: 111

PENROD DRILLING COMPANY Company: 3020 JAGERSON AVENUE Address: KINGMAN, AZ 86401

SE **AZ WELLS** AZWR806241

1/2 - 1 Mile Higher

> Registryid: 806241 Program: 55

County: MOHAVE Watershed: COLORADO RIVER Basin: **HUALAPAI VALLEY** Subbasin: Not Reported

Township: Northsouth: 22 Ν Range: 15 Eastwest: W

Section: Not Reported 26 Acre160: Acre40: Not Reported Acre10: Not Reported 241370.5 Utmx: Utmy: 3905515.4

Welltype: NON-EXEMPT Welluse1: WATER PRODUCTION Welluse2: Not Reported Wateruse1: INDUSTRIAL Wateruse2: Not Reported Wateruse3: Not Reported

# **GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**

Not Reported 06/24/1967 00:00:00 Approved: Installed:

Driller: Welldepth: 1025

Waterlevel: 583 Casingtype: STEEL - PERFORATED OR SLOTTED CASING

662 Casingwide: Casingdeep:

Pumptype: Not Reported Pumppower: Not Reported 0

Pumprate: Testrate: 750

Drawdown: 0 Drilllog: Not Reported Lastname: PENN CENTRAL CORP, Firstname: Not Reported

Not Reported Company:

4900 INDUSTRIAL BLVD Address:

City: KINGMAN State: ΑZ

Zipcode: 86401 Cancelled: Not Reported

Driller: 0

NO DRILLER SPECIFIED Company:

Not Reported Address:

ΑZ

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

# AREA RADON INFORMATION

State Database: AZ Radon

Radon Test Results (pCi/L)

Zip	City	Result (pCi/L)
_	<del></del>	
86401	KINGMAN	< 0.50
86401	KINGMAN	= 0.40
86401	KINGMAN	= 0.50
86401	KINGMAN	= 0.60
86401	KINGMAN	= 0.70
86401	KINGMAN	= 0.80
86401	KINGMAN	= 0.90
86401	KINGMAN	= 1.00
86401	KINGMAN	= 1.10
86401	KINGMAN	= 1.20
86401	KINGMAN	= 1.40
86401	KINGMAN	= 1.50
86401	KINGMAN	= 1.60
86401	KINGMAN	= 1.80
86401	KINGMAN	= 1.90
86401	KINGMAN	= 2.30
86401	KINGMAN	= 2.50
86401	KINGMAN	= 2.60
86401	KINGMAN	= 2.70

Federal EPA Radon Zone for MOHAVE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 86401

Number of sites tested: 33

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.976 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### TOPOGRAPHIC INFORMATION

#### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS

1:24,000- and 1:25,000-scale topographic quadrangle maps.

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

#### **HYDROGEOLOGIC INFORMATION**

# AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

#### **GEOLOGIC INFORMATION**

#### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

#### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

## ADDITIONAL ENVIRONMENTAL RECORD SOURCES

#### **FEDERAL WATER WELLS**

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### STATE RECORDS

#### Arizona Well Registration Database

Source: Department of Water Resources

Telephone: 602-771-1586

Contains information provided to ADWR's Operations Division by well drillers and/or owners.

#### **RADON**

State Database: AZ Radon

Source: Arizona Radiation Regulatory Agency

Telephone: 602-255-4845 State Indoor Radon Survey

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey.

The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

#### **EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Appendix B

Photographs



Parcel 5 Area Looking Northeast



Parcel 5 Area Looking Southeast